MONTHLY BULLETIN

OF

THE OBSERVATORY

AMERICAN UNIVERSITY OF BEIRUT

BEIRUT, LEBANON

LAT. 33° 54' 22" N.

LONG. E. FROM GREENWICH 35° 28' 10"

SEPTEMBER 1955

OWEN GINGERICH, DIRECTOR

GIORGIO CONTINO, ASSOCIATE DIRECTOR

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WEATHER BUREAU

SEPTEMBER 1955
METEOROLOGICAL REGISTER

Date	Barometer reduced to O°C Sea level and 45° Latitude 700 mm. +...				Thermometer Degress Centigrade					
	8:30	14:30	20:30	Mean	Max.	Min.	8:30	14:30	20:30	Mean
1	53.1	52.4	53.5	53.0	30.3	23.3	27.8	29.9	26.0	27.9
2	55.3	56.1	57.1	56.2	31.7	23.6	28.5	31.1	26.3	28.6
3	58.3	58.3	58.3	58.3	31.7	24.5	28.3	30.2	26.3	28.3
4	58.8	57.4	57.0	57.7	32.7	25.3	28.3	32.6	27.6	29.5
5	57.1	56 6	56.7	56.8	31.9	24.4	29.1	31.3	26.7	29.0
6	56.7	56.3	57.3	56.8	31.6	24.6	28.8	31.2	26.0	28.7
7	57.9	57.7	58.6	58.1	30.5	23.8	26.8	30.0	25.6	27.5
8	58.7	58.1	58.4	58.4	31.4	23.6	27.7	31.1	25.9	28.2
9	58.1	56.1	56.1	56.8	31.0	24.7	27.8	29.0	26.1	27.6
10	55.6	54.7	55.3	55.2	31.0	23.6	27.6	29.9	26.1	27.9
11	56.7	56.7	58.4	57.3	31.0	23.7	27.8	30.1	25.3	27.7
12	59.3	58.6	58.4	58.8	30.4	23.6	28.0	29.4	25.6	27.7
13	58.0	56.2	55.9	56.7	30.1	23.2	27.2	29.7	25.6	27.5
14	56.0	55.3	56.3	55.9	31.2	23.6	27.2	30.0	25.5	27.6
15	57.7	57.7	58.2	57.9	31.8	23.4	28.3	31.1	25.8	28.4
16	59.0	58.7	59.3	59.0	31.2	23.6	28.1	30.7	25.8	28.2
17	58.9	58.0	57.6	58.2	30.2	23.3	27.2	29.6	25.1	27.3
18	57.1	56.4	56.5	56.7	31.5	23.8	27.2	31.1	25.6	28.0
19	57.4	57.3	57.8	57.5	29.6	24.3	27.4	28.6	25.3	27.1
20	58.8	59.0	59.2	59.0	29.7	23.4	26.2	27.4	24.6	26.1
21	59.8	59.3	59.1	59.4	30.5	22.9	27.2	29.7	24.8	27.2
22	58.9	58.3	58.8	58.7	29.5	22.9	26.3	27.9	25.6	26.6
23	59.7	59.3	60.3	59.8	30.4	22.4	27.2	30.0	24.3	27.2
24	61.4	60.9	61.4	61.2	29.6	23.2	26.1	28.6	25.0	26.6
25	61.3	60.2	60.5	60.7	30.9	23.6	27.2	30.7	25.9	27.9
26	60.0	58.6	58.5	59.0	30.6	23.9	27.1	30.2	25.7	27.7
27	57.0	56.4	57.5	57.0	29.4	22.3	26.1	29.3	25.1	26.8
28	59.9	59.6	60.8	60.1	27.6	21.5	26.1	27.2	24.3	25.9
29	62.7	62.6	62.8	62.7	28.1	21.9	25.0	27.6	24.4	25.7
30	62.6	61.1	60.9	61.5	29.0	22.2	25.6	28.1	24.0	25.9
31										
	58.39	57.80	58.22	58.15	30.54	23.47	27.31	29.78	25.53	27.54

Barometer, range for month 762.8 mm. — 752.4 mm.
„ 71-yr. average for month 758.74 mm.
Thermometer, range for month 32.7°C — 21.5°C
„ 71-yr. average for month 27.21°C
Rain total for month 0.00 mm.
„ 71-yrs average for month 6.19 mm.
„ Total, Sept. 1st. to end of month 0.00 mm.
„ 71-yrs. average. Sept. 1st. to end of month 6.19 mm.

SEPTEMBER 1955

METEOROLOGICAL REGISTER

Date	Pressure of Water Vapor Millibars				Relative Humidity per cent.				sun.	Wind per day	Rain
	8:30	14:30	20:30	Mean	8:30	14:30	20:30	Mean	Hrs.	Kms.	m.m.
1	25.8	23.3	23.0	24.0	69	56	67	64	7.3	431 0	
2	21.2	23.9	23.7	22.9	56	53	71	60	9.6	311.0	
3	26.1	26.9	27.2	26.7	67	64	80	70	9.6	161.0	
4	29.0	28.2	28.0	28.4	75	59	76	70	8.4	256.0	
5	27.1	24.6	24.6	25.4	69	55	70	65	9.3	357.0	
6	22.8	23.2	23.7	23.2	58	52	70	60	9.6	185.0	
7	23.9	24.8	22.8	23.8	70	58	70	66	9.3	177.0	
8	22.4	23.9	23.7	23.3	60	53	70	61	9.7	204.0	
9	22.4	24.9	23.7	23.7	60	63	70	64	8.7	241.0	
10	25.1	24.8	25.7	25.2	67	58	76	67	8.2	175.0	
11	24.4	26.2	23.5	24.7	65	62	71	66	9.7	145.0	
12	22.4	25.2	24.1	23.9	60	61	74	65	9.9	121.0	
13	25.6	24.5	23.5	24.5	70	60	71	67	9.7	203.0	
14	22.1	24.0	25.5	23.9	60	58	78	65	9.7	143 0	
15	25.4	25.3	27.6	26.1	65	55	85	68	9.6	211.0	
16	27.5	26.5	24.8	26.3	70	62	77	70	9.5	277.0	
17	23.5	26.7	26.0	25.4	66	65	82	71	9.6	156.0	
18	27.0	28.3	28.3	27.9	75	63	86	75	9.5	151.0	
19	25.6	24.7	25.3	25.2	71	64	80	72	9.1	180.0	
20	24.4	22.8	22.4	23.2	74	63	74	70	2.6	240.0	
21	20.8	21.0	22.6	21.5	57	52	71	60	8.5	185.0	
22	21.7	22.4	21.5	21.9	65	59	66	63	5.2	206.0	
23	20.2	22.6	19.8	20.9	55	53	66	58	9.3	209.0	
24	21.1	24.0	22.6	22.6	61	62	71	65	9.2	182.0	
25	24.2	27.3	27.9	26.5	66	63	83	71	9.1	278.0	
26	22.8	25.5	23.5	23.9	63	61	72	65	9.1	428.0	
27	21.7	21.7	18.8	20.7	65	52	60	59	7.9	510.0	
28	14.3	16.4	15.6	15.4	41	45	52	46	9.3	647.0	
29	15.7	20.4	19.2	18.4	50	54	63	56	9.4	274	
30	17.1	21.7	21.5	20.1	52	59	74	62	9.2	192	
31											
	23.11	24 20	23.67	23.65	63.4	58.1	72.5	64.7	8.83	247.87	0.00

Height of Barometer above sea level : 33.7 meters.
„ „ Thermometers above ground :
Dry and wet 1.55 m ; Max. 1.75 m. ; Min. 1.70 m.
Rim of Rain Gauge : above ground 0.56 m. ; above sea level 30.31 m.
Time of reading minus 2 hours equal G.C.T
71 year averages are for period, 1875-1945

SEPTEMBER 1955
METEOROLOGICAL REGISTER

Date	Clouds clear—0 Overcast—10				Direction and force of wind Beaufort scale			Sea	Notes
	8:30	14:30	20:30	Mean	8:30	14:30	20:30	light	
1	10cu-st	7cu-st	9cu-st	8.7	1sw	2w	1sw	,,	
2	2cu-st	3cu	0	1.7	1sw	2sw	1sw	,,	
3	1cu-st	1cu-st	0	0.7	1sw	1nw	1ne	,,	
4	1st	0	0	0.3	1sw	1sw	1s	,,	H.a.m
5	1cu	1cu	10cu-st	4.0	1sw	2sw	1sw	,,	
6	1cu	1cu	3cu-st	1.7	1sw	1w	1sw	light	
7	2cu-st	4cu-st	10cu-st	5.3	1nw	1nw	1nw	,,	Tr.a.m
8	3cu	1st	7cu-st	3.7	1sw	1w	1sw	,,	
9	1cu-st	9cu-st	10st	6.7	1sw	1nw	1nw	,,	
10	5cu-st	6cu-st	10st	7.0	1sw	1nw	1n	,,	
11	0	0	0	0.0	1sw	1n	1n	light	
12	0	0	0	0.0	1ne	1n	1n	,,	
13	0	0	0	0.0	1w	1n	1ne	,,	
14	0	0	0	0.0	1sw	1nw	1n	,,	
15	0	0	0	0.0	1sw	1nw	1nw	,,	D.p.m.
16	0	0	6cu-st	2.0	1sw	1sw	1w	light	
17	0	3cu-st	0	1.0	1sw	1nw	1nw	,,	H.p.m
18	6cu-st	0	0	2.0	1sw	1nw	1nw	,,	D. a.m. p.m.
19	8cu-st	0	10st	6.0	1sw	1n	1n	,,	
20	10st	10st	8st	9.3	1sw	1nw	1nw	,,	Tr.a.m
21	9cu-st	2cu-st	0	3.7	1sw	1nw	1nw	light	
22	5cu-st	10st	10st	8.3	1sw	1nw	1w	,,	
23	1cu	1cu	1cu-st	1.0	1sw	1nw	1nw	,,	
24	0	0	0	0.0	1sw	1nw	1ne	,,	
25	0	0	7cu-st	2.3	1sw	1sw	1sw	,,	
26	0	6cu-st	7cu-st	4.3	1sw	1sw	1sw	light	
27	8cu-st	7cu	6cu-st	7.0	2sw	2sw	3ne	slight	
28	0	0	0	0.0	3ne	3ne	2ne	,,	
29	0	0	0	0.0	1nw	2n	1n	light	
30	0	0	0	0.0	1nw	1nw	1nw	,,	
31									
	mean			2.89					

Abbreviations : G = gale; H = haze; M = mist ; T = thunderstorm ; D = dew.
W = strong wind; Tr = trace of rain

Number of Daily Wind Observations

Time	N	NE	E	SE	S	SW	W	NW	Calm	Totals
8:30	0	2	0	0	0	24	1	3	0	30
14:30	5	1	0	0	0	7	3	14	0	30
20:30	6	5	0	0	1	7	2	9	0	30
Total	11	8	0	0	1	38	6	26	0	90

Number of days with rain 0, fog 0, thunderstorms 0, gale. 0
71 yr. av. number of days with rain during month 1.13